M-725 DR
User Manual
CAR RADIO DVD PLAYER WITH USB & SD

Please read the instruction carefully before operating the unit.

English

BEFORE YOU BEGIN

Important safeguards

1. Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage the vehicle's electrical system.
2. Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body.
3. Make sure all the connections are completely correct before turning on your unit.
4. When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder.
5. Do not block vents or radiator panels. Blocking them will cause heat to build up inside and may result in fire.
6. After completing the installation and beginning to play the unit(including replacing the battery), press RESET button on the base with pointed object (such as ball-point pen) to set the control to initial status.
7. Do not attempt to modify the unit, modifying the unit may cause an accident.
8. Stop the vehicle before carrying out any operation that could interfere with your driving.
9. Do not work in extremely high or low temperature. Be sure the temperature inside the vehicle is between +60˚C and -10˚C before turning on your unit.
10. To avoid the driver distract his attention from, please install the unit in an apt place.
11. Using the unit after starting the engine, otherwise the unit can not be started, because the electric energy of battery was used up.
12. Do not use the unit in extreme high temperature or such low temperature conditions, and also avoid humidity and direct sunlight, otherwise the electric energy of battery will be wasting for the high temperature.
13. Take care of the magnetism of the unit. Do no put the credit card, cassette or watch around the unit, otherwise they would be broken or some information in them loses.
14. To avoid disturbing the video frequency, keep far away from the unit when using your phone.
15. Do not put the remote control under high temperature or where the sun strikes it, or else the remote control can not work normally.
16. Please warn children not to play the motorized screen which might hurt their fingers.
17. When driving, cannot watch the video and the pictures, a warning would be display on screen.

When you select or create a disc to play with this product, please note:
- Avoid long file names! It is suggested to name the file with no much than 7 characters.
- The total number of files on the disc should not exceed 1633.
- The maximum number of directories should not exceed 195.
- The maximum depth level of directories should not exceed 10.
- File system(SD & USB): FAT 32 and FAT 16.

Disc and files you can play

In spite of progress made to ensure playability of all discs types, it is not possible to guarantee playback of discs which are not in conformity with DVD, CD, VCD or SVCD standards.

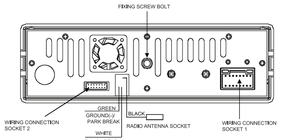
This unit may not play some recordings or files on CDs or DVDs due to differences in recording formats, software used and disc types. The recordable discs may need a longer reading time than normal discs.

Type of media	Label on the media	Recorded material	Size of media
DVD	DVD VIDEO	Sound and moving pictures	12cm
VCD	VIDEO CD / DIGITAL VIDEO	Sound and moving pictures	12cm
CD	DIGITAL AUDIO	Sound only	12cm
MP3	MP3	Sound only	12cm
MPEG-4	MPEG-4	Sound and moving pictures	12cm
SD	SD	Sound and moving pictures	Common SD/SDHC card
USB		Sound and moving pictures	Version 2.0 and less

NOTE: The unit is compatible with VCD1.0/2.0/3.0 version and DVCD disc. Supported file formats: MP1,MP2,MP3, JPG,MPG,DAT,VOB,AVI,MP4, DIVX.

WIRING CONNECTION

The Description of the Wires Connection.



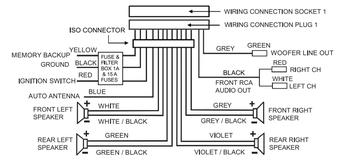
Note: Connect one clip end of the provide Ground line (black) to the fixing screw bolt, and connect the other end to the negative pole of the power source. Otherwise the video on screen may flash.

NOTE

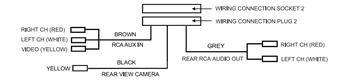
1.For safety reasons, connect the parking line (GREEN) to the parking brake switch. Video will be displayed only when the car is stopped and the parking brake is on.

2.If you don't want to use this function, connect the wire to the ground.

The Description of the Wiring Diagram for Socket 1



The Description of the Wiring Diagram for Socket 2



Note:
1. Only Speakers with 4 ohms impedance may be used.
2. Ensure that the blue automatic antenna cable does not make contact with any ground connection.
3. Do not use AV IN jack on front panel & RCA terminal at the back at the same time for the AUX source.
4. When Rear view camera function is ON, panel buttons are locked and sound is off but music continues reading in DVD/USB/SD card.

5. Make sure to connect the color coded leads according to the diagram, incorrect connections may cause the unit to malfunction or damage the vehicle's electrical system.
6. Do not connect the ignition wire (red) and the battery wire (yellow), it may cause a short circuit, even result in fire.

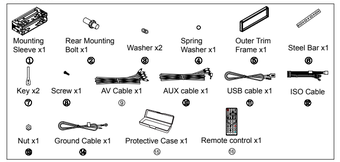
UNPACK YOUR UNIT

When you unpack your new car radio, make sure that you have removed all the accessories and information papers:

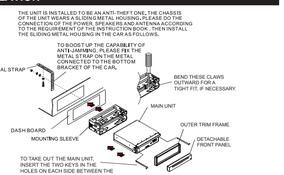
Main unit with connector

User manual

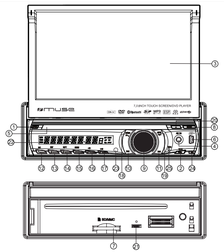
Accessories:



INSTALLATION


THE UNIT IS INSTALLED TO BE AN ANTI-THEFT ONE, THE CHASSIS OF THE UNIT HEARS A SLIDING METAL HOUSING, PLEASE DO THE CONNECTION OF THE POWER, SPEAKERS AND ANTENNA ACCORDING TO THE DIAGRAM, AND THEN FIX THE CHASSIS OF THE UNIT INSTALL THE SLIDING METAL HOUSING IN THE CAR AS FOLLOWS..
TO BOOST UP THE CAPABILITY OF ANTI-UNBIND, PLEASE BEND THE METAL STRAP ON THE METAL CONNECTED TO THE BOTTOM BRACKET OF THE CAR.
METAL STRAP
BEND THESE CLAWS OUTWARD FOR A TIGHT FIT, IF NECESSARY.
MAIN UNIT
DASH BOARD
MOUNTING SLEEVE
OUTER TRIM FRAME
DETACHABLE FRONT PANEL
TO TAKE OUT THE MAIN UNIT, INSERT THE TWO KEYS IN THE HOLES ON EACH SIDE BETWEEN THE MAIN UNIT AND MOUNTING SLEEVE.

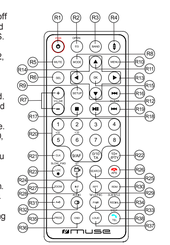
LOCATION OF THE CONTROLS



1. **OPEN** button: To open/close the touch screen.
2. **PWR/MUTE** button: To turn unit on /off. To mute or restore sound.
3. Touch screen
4. **AV IN** jack
5. Disc Slot
6. **USB** port
7. SD/MMC Card Slot
8. **MODE** button: To select function mode : RADIO, DVD, CARD, USB, AV IN or BLUETOOTH.
9. Volume knob : To adjust the volume.
10. **⏮**button: To directly access the previous chapter (DVD) or track (CD).
11. **⏭**button: To directly access the next chapter (DVD) or track (CD).
12. **/ ⏯**(Play/pause) button: To select preset channel 1 in radio mode. To start or pause playback.
13. **2/ INT** (Intro) button: To select preset channel 2 in radio mode. To start/ cancel intro playback.
14. **3/ RPT** (Repeat) button: To select preset channel 3 in radio mode. To repeat playback.
15. **4/ RDM** (Random) button: To select preset channel 4 in radio mode. To start/ cancel random playback.
16. **5/ -10** button: To select preset channel 5 in radio mode. To skip backward 10 tracks (mp3 only).
17. **6/+10** button To select preset channel 6 in radio mode. To skip forward 10 tracks (mp3 only).
18. **BAND/ ↩**Dial /Answer button: To select band: FM1, FM2, F3, MW1 or MW2. To dial or answer the phone.

19. **APS/ ↪** (Hand up)button: To auto preset radio stations. To hang up the call.
20. **⏏** EJECT button : To eject the disc from disc slot.
21. **RESET** button : To reset the unit.
22. Small LCD display
23. Remote Sensor
24. **REL** (Release) button: Press to release the front panel.
25. **MIC** (Microphone)

Remote control



R1. **PWR** (Power) button : To turn unit on /off
R2. **EQ/OPEN** button : To select the desired preset equalizer ROCK, POP & CLASS. To open/close the touch screen.
R3. **BAND** button : To select band: FM1, FM2, FM3 , MW1 or MW2.
R4. **▲▼** (Screen angle) button: To adjust the screen angle.
R5. **MUTE** button : To mute or restore sound.
R6. **SEL** (Select) button: To adjust the sound setting.
R7. **VOLUME+/-** button: To adjust the volume.
R8. **MODE** button: To select function mode : RADIO, DVD, CARD, USB, AV IN or BLUETOOTH.
R9. **SETUP** button: To enter the Setup menu
R10. **MENU** button: To access disc menu.
R11. **▲**button : Move up during menu navigation.
R12. **▼**button : Move down during menu navigation.
R13. **▶**button: Move right during menu navigation.
R14. **◀**button: Move left during menu navigation.
R15. **OK** button: To confirm the selection during menu navigation.
R16. **▶▶|** button: To directly access the next chapter (DVD) or track (CD).
R17. **■** button: To stop playback.
R18. **▶II** (play/pause) button: To start or pause playback.
R19. **|◀◀ / CLEAR** button: To directly access the previous chapter (DVD) or track (CD). To clear input.
R20. Number buttons (**1,2...0/10**)
TA (Traffic announcement) : To access TA mode.
AF (Alternative frequency) : To access AF mode.
6/+10 : Short press for number 6. Long press to skip forward 10 tracks (mp3 only).
5/-10 : Short press for number 5. Long press to skip backward 10 tracks (mp3 only).
R21. **CLK** (Clock)button : To check the clock time.
R22. **10+/PTY** button: To access PTY mode.
R23. **LOC/SLOW-FWD/ |◀** button: To access LOC function. To play at slow motion.
R24. **📷**(Camera angle)/**ST/ #** button : To access the camera angle function for DVD disc. To turn ON/OFF FM stereo mode.

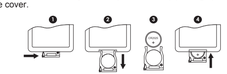
R25. **SEARCH** button: To search for a desired title, chapter or Track.
R26. **APS/ ↪** (Hang up)button : To auto preset radio stations. To hang up the phone.
R27. **ZOOM** button: To access the zoom function
R28. **INT** (Intro)button: To start/ cancel intro playback.
R29. **RPT** (Repeat)button : To repeat playback.
R30. **RDM** (Random)button : To start/ cancel random playback.
R31. **A-B** (Repeat A-B) button: To repeat section A to B
R32. **AUDIO** button: To change the audio setting (DVD only).
R33. **TITLE/PBC /PAIR** button: To access the disc title menu. To turn PBC mode on/ off for VCD. To connect the unit to your mobile phone in Bluetooth mode.
R34. **SUBTITLE /REDIAL** button: To change the subtitle setting. To redial.
R35. **PROG** (Program)button: To program playback sequences.
R36. **OSD** button: To show status information on the screen.
R37. **LOUD** button (loudness): To turn ON/OFF loudness function.
R38. **TEL✆/ STEP** button :To dial or answer the phone. To play frame by frame

Note: "INVALID KEY" will be displayed if the function you select is not available.

The remote control operates on 1pc "CR2025" lithium battery (included). To power up the remote control, remove the insulation tab from the back of unit.

REPLACING BATTERY FOR THE REMOTE CONTROL

1.Push the button toward right.
2.Pull the battery loader out.
3.Insert one "CR2025" size battery with the positive side (+) facing up.
4.Replace the cover.



Notes on batteries
- Never recharge the batteries, apply heat to them or take them apart.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Do not throw the batteries in fire!
- Attention should be drawn to the environmental aspects of battery disposal.
- If the remote control is not going to be used for a long time, remove the battery to avoid damage caused by battery leakage corrosion.
- Please respect the environment. Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.

CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

BASIC OPERATION

To turn ON/OFF the unit
Press **PWR** button to turn on the unit. Long press **PWR** button to turn off the unit.
Note: When the unit is off. Pressing any button except **REL** can turn on the unit.

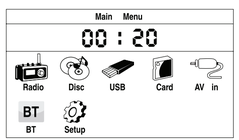
To open / close the touch screen
Press **OPEN** button to open or close the touch screen.
You can adjust the viewing angle of the screen with ▲▼button on remote control.

To select function mode
- With front panel and remote buttons

* Press the **MODE** button to select RADIO, DISC (After inserting a disc), USB (After inserting a USB device), Card (After inserting a MMC or SD card), AV IN or BLUETOOTH.

- With the touch screen

* Tap🏠icon on touch screen to display the main menu as shown below. Then tap the icon to select your desired function mode.



To check the clock time
Press **CLK** button to check the clock time.

To select a preset EQ mode
Press the **EQ** button to select the preset music equalizer curves: POP, ROCK, CLASS, EQ OFF.

To turn on/off LOUDNESS mode
Press the **LOUD** button to turn on/off LOUDNESS mode. When turning on LOUDNESS mode, it will enhance bass level immediately when the bass is not enough.

To reset the unit
Operating the unit for the first time or after replacing the car battery, you must reset the unit.
Release the front panel first, and then press **RESET** button with a pointed object (such as a ballpoint pen) to set the unit to initial status.
Note: When some errors occur on the display, you can also press **RESET** button to resume to normal, and it will erase the clock setting and some memorized functions.

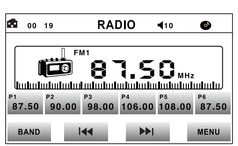
To adjust the sound settings
To adjust the sound settings, press **SEL** button repeatedly to select "BAS" (BASS), "TRE"(TREBLE), "BAL" (BALANCE), "FAD"(FADER) or "VOL"(VOLUME). Then press **VOLUME+/-** buttons on remote control or rotate volume knob on main unit to adjust the value.

ESP function
The ESP (Electronic Shock Protection) works for all formats of discs.

Select chapter/track with the number buttons
When playing DVD/MP3/CD discs, press one of the 1~9 and the 0/10 number buttons to directly select and play the 1st to 10th track / chapter (the 0/10 button is used as the 10 button).
If you want to play the track/chapter with serial number bigger than 10, use the 10+, 1~9 and 0/10 button.
Example 1, to play the 13th track/ chapter, firstly press the 10+ button once, then press the 3 button.
Example 2, to play the 30th track/chapter, firstly press the 10+ button for 3 times, then press the 0/10 button.(the 0/10 button is used as the 0 button)
Note: pressing and holding the +10 or -10 buttons will allow you to play the next 10 or last 10 chapter/track (MP3 only).

LISTENING TO THE RADIO

Press **MODE** button repeatedly to select RADIO mode.



Selecting Band
In radio mode, repeatedly press **BAND** button to select bands in following order: FM1 -> FM2 -> FM3 -> MW1 -> MW2.

Manual tuning
Briefly press ▶▶| or |◀◀ button to manually search up or down with step by step for your desired station from the current frequency.

Automatic tuning
Long press ▶▶| or |◀◀ button to automatically search up or down for an available station from the current frequency.

APS function
In radio mode
1) When pressing and holding the **APS** button, the radio searches on the current band for the strongest signal stations and stores them automatically in memory. It can store up to 18 stations in FM (6x FM1, 6x FM2 and 6x FM3) and 12 in MW (6x MW1 and 6x MW2).
2) When pressing briefly the APS button, the radio plays each preset station for a few seconds. When completed, it will remain on the 1st memory.

Manual preset
In RADIO mode:
1) To memorize the current frequency on the current band, press and hold any one of the six preset buttons **[1-6].**
2) To recall the preset memory on the current band, press one of the preset buttons **[1-6].**

FM Stereo
In FM radio mode, press **ST** button to turn on/off FM stereo mode.

LOC selector
During radio status, press **LOC** button to select strong or weak station reception. "LOC" appears on the display and only local station is available. When" DX " appears, both distance and local stations can be received.
• This function is only valid in FM.

RDS FUNCTION (Radio Data System)

Program type (PTY)
Press the **PTY** button shortly to select one of the **PTY** group. In a PTY group, press the **VOLUME+/-** button on the remote control or rotate the VOLUME knob on the front panel to select one of the PTY programs. (You can also use the number buttons **1-6** to select one of PTY programs.)
After selecting one of the PTY programs, it will display "SEEK PTY" and automatically search for the station of the PTY program. If the station of the PTY program does not exist, it will display "PTY NONE" and then return back to the current station.

Alternative Frequencies (AF)
When pressing the **AF** button briefly, the **AF** switching mode is selected and the state of the AF switching mode is displayed by AF segment in display.
Segment off: AF switching mode off.
Segment on: AF switching mode on, and receive RDS information.
Segment flashing: AF switching mode on, but RDS information is not received yet.
When the AF switching mode is selected, the radio checks the signal strength of alternative frequencies. Every time that a new AF is stronger than the current station, it switches over to that frequency for very short time, and the NEW FREQUENCY is displayed for 1-2 second. (When AF flashes on LCD, it will search for the stronger RDS station. If AF and TP flash on LCD, it can only search for the traffic announcement station).

Traffic Announcement (TA)
Press the **TA** button shortly to turn on TA search mode.
When traffic announcement is transmitted:
1).If the unit is in Disc Play mode, it will switch to radio mode temporarily.
2).If the unit is in radio mode, it will switch automatically to the traffic announcement.
* TA interruption function: The current traffic announcement is cancelled by pressing **TA** button shortly.
* When TA is on, SEEK (SCAN), AUTO MEMORY (APS) function can be received or saved only when traffic program identification code has been received.

DISC PLAYBACK

Region Management Information
Region Management Information: This unit is designed and manufactured to respond to the Region Management Information that is encoded on DVD discs. If the Region number printed on the DVD disc does not correspond to the Region number of this unit, this unit cannot play that disc.
The region number of this unit is 2.

BASIC PLAYBACK
1. Press **PWR** button to turn on the unit.
2. Press **OPEN** button to open the touch screen.
3. Insert a disc with label facing up.
4. It takes a short while for your unit to load the disc. After loading, the unit will automatically bring you to the main menu of the DVD or start playing the DVD. If the unit does not automatically start playing the DVD, press ▶II .

Accelerated play
While the disc is playing, tap ◀◀ or ▶▶ icon on touch screen one or more times to vary the speed and direction of the accelerated play. Press ▶II to resume normal playback.

Frame advance (DVD)
1.While the disc is playing press **STEP** button once.
2.Press **STEP** a number of times to advance forward image by image.
3.Press ▶II to resume normal playback.

Variable slow motion (DVD)
1.While the disc is playing, press **SLOW_FWD** button.
2.Press the **SLOW_FWD** button repeatedly to change slow speed.
3.Press ▶II to resume normal playback.

Changing chapter/track
While the disc is playing, press ▶▶|or |◀◀ to go immediately to the next or previous chapter (DVD), or to the next or previous track (CD).

Zoom (DVD)
While a disc is playing, press **ZOOM** until you reach the zoom size you want. The button cycles through 2x, 3x, 4x and then zooms out to 1/2x ,1/3x,1/4x, then returns to normal playback.

ADVANCED FUNCTIONS
On screen display
While the disc is plying, press **OSD** button repeatedly to display the playback information .

Search a desired section
You can access a specific location by keying in the target time or the track number.
1.Press **SEARCH** button to enter the search mode.
2.Use ◀ , ▶ and number buttons to input. Then press **OK** button to jump to the target location immediately.
Note:Press CLEAR button to cancel the incorrect input.

• PLAY MODES
• Repeat playback
While the disc is playing, press the **RPT** button repeatedly to select a play mode:
DVD: Repeat Chapter, Repeat Title , Repeat All, Repeat Off;
CD: Repeat 1, Repeat All, Repeat Off.
MP3: Repeat 1, Repeat Directory, Repeat All, Repeat Off

Note:
* Some DVD discs do not allow repeat function.
* Skip function is not available for Repeat Chapter (DVD) , Repeat Track (CD) and Repeat File (MP3 files).

A-B repeat
To repeat a sequence between two points A and B, press the **A-B** button at the beginning of the sequence you want to repeat. Then press the **A-B** button again at the end of the sequence. Then the sequence is played repeatedly until you press **A-B** to resume normal playback.
Note: Some DVD discs do not allow A-B repeat function.

Program playback (DVD and CD)
With this option, you choose and program the playback order.
1. Insert a disc.
2. In playing or stop mode, press the **PROG** button. The Program menu appears.
3. Use ◀ , ▶ , ▲ , ▼ and number buttons to input.
4. Repeat step 3 until programming is completed.
5. Highlight the "PLAY" icon, then press **OK** button to start the program play.
6. Press the **PROG** button twice to cancel program playback.

Random playback (DVD, CD, MP3)
During normal playback, press **RDM** button to start random playback. "RANDOM : ON" appears on screen for few seconds. To cancel random playback, press **RDM** button again. "RANDOM : OFF" appears on screen for few seconds.

Intro playback (CD & MP3)
During playback, press **INT** button to play the first 15 seconds of each track. Press **INT** again to cancel this function.

USB OR SD/MMC PLAYBACK

You can connect a USB flash drive (not included) to the USB connector port or a SD/MMC card (not included) to the memory expansion card slot on the unit to play MP3/MP4/JPEG files.
• Connect your USB device to the USB port with the supplied USB cable.
• Press **REL** button to remove the front panel of unit and insert a SD/MMC card to the card slot. Put the front panel back in place.
• Select USB or CARD mode with **MODE** button.

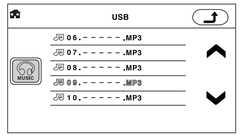
For operation of playing files on the USB flash drive or SD/MMC card, please refer to the section "PLAYING MP3/MP4/JPEG FILES"

Note:
*There are many USB devices in the market. We cannot guarantee to support all different models. Please try another USB device if your device is not supported.
* Some SD/MMC card may be incompatible

PLAYING MP3/MP4/JPEG FILES

This unit can play MP3, MP4 and JPEG files recorded on CD-R/CD-RW discs, USB flash drive and SD/MMC card.

1. Insert a disc. Playback starts automatically.
2. To select a file, tap 📁 to display content list.



Tap ^ to go to previous page, tap v to go to next page. Tap your desired folder and file, and then playback starts automatically.

3.To stop playback,
MP3 files: press ■ button once to pre-stop, press again to stop playback.
MP4 files & Jpeg files: press ■ button once to stop playback and display the content list.

If the disc contains MP3/ MP4/JPEG files, after the disc is loaded, MP3 playback starts automatically. If you want to play MP4 or JPEG files, tap repeatedly until below icons appear.

Tap this icon to select music files.

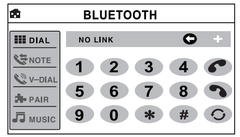
Tap this icon to select MP4 files.

Tap this icon to select Jpeg files.

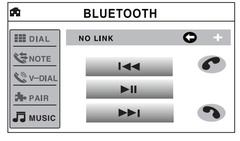
During Jpeg playback:
1.Use ◄, ►, ▲, ▼ to change the display angle.
► : Rotate 90 degree clockwise
◄: Rotate 90 degree counter-clockwise
▲ : Up-down
▼ : Left-Right
2.Use **PROG** button to change the slide-show effect.
3.Use **ZOOM** button to change the zoom size.

BLUETOOTH FUNCTION

When the unit is ON, press **MODE** button repeatedly to select BLUETOOTH mode.



DIAL : To dial, tap the phone number and then
NOTE : To check received , dialed or missed calls.
V–DIAL : Tap this icon to switch to voice dialing mode.
PAIR : Tap this icon to start pairing.
MUSIC : When pairing is successful, you can control music player of your phone by taping ⏮ , ⏯, ⏭ icons on the touch screen.



Pair devices
1. Turn on the Bluetooth function of your mobile phone.
2.Select the item of searching the Bluetooth device and enter it. Your mobile phone starts to search for Bluetooth devices within range (10 meters). Select this car radio "M-725DR" and confirm it, then you are asked to input a 4-digit password that is 0000. Enter the password and confirm it.(If you have made Bluetooth connectivity before, a list of the previous search results is displayed. Select "M-725DR" and confirm.) "LINK OK" appears if pairing is successful.

3. For some mobile phones, they can automatically connect with the Bluetooth device of the car radio system after pairing is ok. While for some mobile phones, you need to select the paired Bluetooth device and confirm it.
Note: When pairing is failed, press **PAIR** button to start pairing again.
4.Use your mobile phone to do connection or disconnection.

Notes:
-This system will not operate or may operate improperly with some Bluetooth mobile phones / audio players.
- There are many mobile phones in the market. We cannot guarantee the compatibility of all mobile phones together with the unit.
-If you found the conversation is not clear, try to move closer to the microphone.
-Audio playback will be set to the same volume level as set during telephone call. This might cause problems if extreme volume level is set during telephone call.

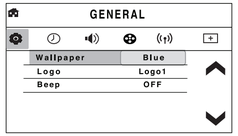
GENERAL SETTINGS

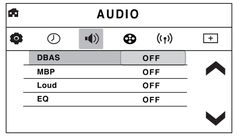
1.Tap icon on touch screen to display the main menu as shown below.

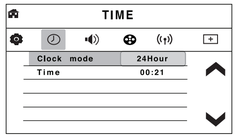
2. Tap Setup icon to display general setup interface.

3. Select GENERAL , TIME , AUDIO ,VIDEO , RADIO or CALIBRATE

by tapping the icon. Select the option and adjust the setting by tapping icons on the right side accordingly.







Touch screen calibration

If necessary, when the sensitive area is offset from icon position, you may need to re-calibrate the touch screen.
Tap Icon to access the calibration interface, calibrate your screen by accurately taping the white cross appearing in the screen corners.

KEYBOARD INTERFACE

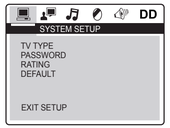
During playback, tapping anywhere on the screen or press **OSD** button on remote control to display the keyboard.

1. ⏯ :To start or pause playback
2. ■ :To stop playback
3. ◀◀ :Fast backward
4. ▶▶ :Fast forward
5. ⏮ :To directly access the previous chapter (DVD) or track (CD).
6. ⏭ :To directly access the next chapter (DVD) or track (CD).
7. ◀ :To adjust volume.
8. ➡ :To go to next page of keyboard interface.
9. :To start or cancel intro playback
10. :To select audio language
11. :To access disc menu
12. :To access title menu
13. :To repeat playback.
14. :To select subtitle language
15. :Tap it to display the number buttons on screen, then tap the number to select your chapter (DVD) or track (CD) . Then it will jump to the target location immediately.
16. : During DVD/ jpeg playback, tap to access zoom mode, then tap to move to left, right, up or down. (On remote control, press **ZOOM** button, then press ◄ , ► , ▲ , ▼)
17. :To access zoom function.
18. : To start/ cancel random playback.
19. : To access the camera angle function for DVD disc.

DVD SETUP MENU

Navigating the setup menu
1.Press **SETUP** to display the setup main menu.
2.Press ◄ or ► to select a menu icon.
3.Press ▲ or ▼ to select one of the available options under a menu icon.
4.Press ► to access the submenu and ▲ , ▼ to select an option.
5.Press **OK** to confirm your selection.
6.Press ◄ to return to a previous menu.
7.Press **SETUP** to exit from the setup menu.

SYSTEM SETUP



TV TYPE
4:3 PS (Panscan)
• When wide-screen video is played, this mode clips the right and left sides of the image so that it can be viewed on a conventional screen.
• Some wide-screen DVDs that do not permit Pan Scan mode playback are automatically played in letterbox mode (black bands top and bottom).

4:3 LB
• When wide-screen video is played in this mode on a conventional screen, black bands appear at the top and bottom of the screen.

16:9 (Wide screen)
• This is the correct mode for playing wide-screen videos on a wide-screen TV.

Notes :
•The visible picture size is preset on the DVD disc. Therefore the playback picture of some DVD discs may not conform to the picture size you select.
•When you play DVD discs recorded in the 4:3 aspect ratio, the playback picture will always appears in the 4:3 aspect ratio regardless of the TV shape setting in the function setup menu.

PASSWORD
This item is for locking or unlocking the rating level of the Parental Control. The defaulted state is locked. If the password has not been set yet after you purchase this unit, it is "0000".
To set a new password, use ▲ or ▼ button to select "PASSWORD", then press► button to highlight " ____ ". Input the initial password 0000, and then press **OK** to unlock it (is displayed). Press ► button to highlight " ____ " , then input a 4-digit new password and press **OK** to confirm.

RATING
Some DVD discs are equipped with a password function and are rated according to their content. The contents allowed by parental lock level and the way a DVD disc is controlled may vary from disc to disc. For example, if the disc allows, you could lock-out violent scenes unsuitable for children or you could lock out playback of the disc altogether.

You cannot play DVD discs rated higher than the level you selected unless you cancel the parental lock function.
The parental lock levels are equivalent to the following ratings.
1 Kid Safe
2 G
3 PG
4 PG-13
5 PG-R
6 R
7 NC17
8 Adult

Set the rating level of parental control
1.To unlock the Parental settings, press ▲ or ▼ button to select "PASSWORD", and press ► to highlight " ____ ". Input your 4-digit password, and then press **OK** to unlock it (is displayed).
2.Press ▲ or ▼ button to select "RATING", then press ► button to enter submenu. Press ▲ or ▼ button to select your desired rating level. Press **OK** to confirm.
3.To lock the Parental settings , press ▲ or ▼ button to select "PASSWORD", and press ► to highlight " ____ ". Input your 4-digit password, and then press OK to look it (is displayed).

Note: Rating limits take affect only when the unit is locked.

DEFAULT
Pressing **OK** with this function selected resets all settings to their initial factory state, except for parental level and password.

LANGUAGE SETUP

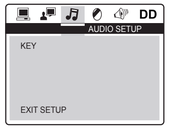
OSD LANGUAGE
•To select the language of unit's menus.
Note:The OSD language can only be changed in SETUP MENU with a DVD inserted.

AUDIO LANGUAGE
•To select the dialog language.
•If the selected language is not available on the disc, the disc's language will be used instead.
•To change the dialog language during playback, press **AUDIO** on the remote control.

SUBTITLE LANG
•To select the language of the DVD subtitles. Select "OFF" to turn off the subtitles.
•If the selected language is not available on the disc, the disc's language will be used instead.
•To change the subtitle language during playback, press **SUBTITLE** on the remote control.

MENU LANG (menu language)
•To select the language of the DVD menus.
•If the selected language is not available on the disc, the disc's language will be used instead.

AUDIO SETUP

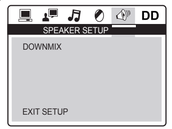


KEY
It is for selecting your desired basic music tone (from low to high).

VIDEO SETUP

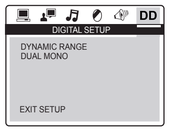
BRIGHTNESS: To adjust the video brightness level on a scale of 0 to 12.
CONTRAST: To adjust the video contrast level on a scale of 0 to 12.
HUE: To adjust the color hue level on a scale of –6 to +6.
SATURATION: To adjust the color saturation level on a scale of 0 to 12.
SHARPNESS: To adjust the sharpness of video output.

SPEAKER SETUP



DOWNMIX
For selecting your desired sound effect when there is no center speaker and subwoofer. There are 3 modes: LT/RT, STEREO, VSS.
LT/RT: When playing a disc with PRO LOGIC Dolby stereo effect, so it will output audio signal with vivid theatre effect.
STEREO: with 5.1 audio signal, it will output the left and right channels signal; with 2 channels, it will output the common 2 channels signal of stereo signal.
VSS: when playing a disc with 5.1 channels, the main channel speakers can output audio signal with VSS effect.

DIGITAL SETUP



DYNAMIC RANGE
Select a value between "FULL" (maximum compression) and "OFF"(maximum dynamic).

DUAL MONO
It is for selecting a desired audio output mode for the left and right channels. There are 4 modes as follows: STEREO, MONO L, MONO R, MIX MONO.

SAFETY INSTRUCTION

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

ATTENTION: To reduce the risk of electric shock, do not remove the cover or back. There are no user serviceable parts inside the unit. Refer all servicing to qualified personnel.

The lightning flash with arrowhead symbol within the triangle is a warning sign alerting the user of "dangerous voltage" inside the unit.

The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam. Class 1 laser product.

CLASS 1
LASER PRODUCT

If at any time in the future you should need to dispose of this product please note that Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.(Waste Electrical and Electronic Equipment Directive)

TROUBLESHOOTING

What appears to be trouble is not always serious. Check the following before calling a service center.

Symptom	Cause/Remedy
General	
• No sound comes out of the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
• The screen is not clear and legible.	Sunshine from the windshield may cause this symptom. Adjust "VIDEO SETUP" page of "SETUP" menu.
• The buttons on the monitor panel do not work.	Rear view camera function is activated.
• The unit does not work at all.	Reset the unit.
Tuner	
• Static noise while listening to the radio.	Connect the antenna firmly.
Disc	
• Recordable/Rewritable discs cannot be played back. • Tracks on the Recordable/Rewritable discs cannot be skipped.	• Insert a finalized disc. • Finalize the discs with the component which you used for recording.
• Playback does not start.	• Insert the disc correctly again. • The format of files is not supported by the unit.
• The playback picture is not clear and legible.	Adjust items in "VIDEO SETUP" page of "SETUP MENU".
• Sound and pictures are sometimes interrupted or distorted.	• Stop playback while driving on rough roads. • Change the disc.
• No playback picture is shown and "WARNING: PLEASE STOP WATCH VIDEO PLAYER"appears on the screen, even when the parking brake is engaged.	Parking brake lead is not connected properly.
• "WRONG REGION" appears on the screen when you insert a DVD Video.	Disc region code is not correct.

MPEG1/MPEG2/MP3	
• Disc cannot be played back.	• Change the disc. • Record the tracks using a compliant application on the appropriate discs. • Add appropriate extension codes to the file names.
• Noise is generated.	The track played back is not a playable file format. Skip to another file.
• Tracks are not played back as you have intended them to play.	Playback order may differ from the one played back using other players.
• Elapsed playing time is not correct.	This sometimes occurs during playback. This is caused by how the tracks are recorded.
• "FILE ERROR" appears on the screen and track skips.	The track is unplayable.
USB/SD(SDHC)/MMC	
• Noise is generated.	The track played back is not a playable file format. Skip to another file.
• Tracks cannot play back as you have intended them to play.	Playback order may differ from the one played back using other players.
• "READ" keeps flashing on the screen.	• Readout time varies depending on the device. • Do not use too many levels and folders. • Turn off the power then on again.
• "STOP" appears on the screen.	No tracks are stored. Copy tracks to the USB/SD(SDHC) or MMC device.
• While playing a track, sound is sometimes interrupted.	The tracks are not properly copied into the device. Copy tracks again, and try again.
AV-IN	
• No picture appears on the screen.	• Turn on the video component if it is not on. • Connect the video component correctly.

MUSE bears no responsibility for any loss of data in an SD(SDHC) / MMC card and USB mass storage class device while using this unit.

SPECIFICATION

General	
Power Requirement	14.4V DC (11-16V allowable)
Load Impedance	4Ω
Max. Power Output	40Wx4
Tone Controls	±7dB Bass 100Hz Treble 10 kHz
Dimensions	Approx.178x176x50mm (d/w/h)
Mounting Dimension	Approx.187x176x58mm (d/w/h)
Weight	Approx.2.2kg
FM Tuner Section	
Tuning Range	87.5-108(MHz)
IF Range	10.7MHz
Usable Sensitivity (-30dB)	12dBuV
Signal-to-noise Ratio	50dB
Stereo Separation	30dB (1 kHz)
Frequency Response	40-12000Hz
MW Tuner Section	
Frequency Range	522-1620(kHz)
IF Range	450 kHz
Usable Sensitivity (-20dB)	35dBuV
DVD Player Section	
DVD Video Signal System	NTSC
Number of channel	2 channels
Frequency Response	40Hz to 16,000Hz
Dynamic Range	60dB
Signal-to-Noise Ratio	50dB

Note: Design and specification are subject to change without notice.